

# Emergency Response Team and Industrial Training



Fire - - - Confined Space Rescue - - -  
Hazardous Materials - - - Emergency Care

Visit our web site: [www.statefireschool.delaware.gov](http://www.statefireschool.delaware.gov)

# 2016



**The Delaware State Fire School**  
 has been accredited by the  
**National Board on Fire Service Professional Qualifications**  
 and  
**International Fire Service Accreditation Congress**  
 to offer certification in the following:



<b>NFPA 1001</b>	<b>Firefighter I, II</b>
<b>NFPA 1021</b>	<b>Fire Officer I, II, III</b>
<b>NFPA 1031</b>	<b>Fire Inspector I, II</b>
<b>NFPA 1041</b>	<b>Fire Instructor I, II</b>
<b>NFPA 472</b>	<b>Hazardous Material Awareness</b>
<b>NFPA 472</b>	<b>Hazardous Materials Operations</b>
<b>NFPA 472</b>	<b>Hazardous Materials Technician</b>
<b>NFPA 472</b>	<b>Hazardous Materials Officer</b>
<b>NFPA 472</b>	<b>Hazardous Materials Safety Officer</b>
<b>NFPA 1006</b>	<b>Rescue Technician - Rope</b>
<b>NFPA 1006</b>	<b>Rescue Technician –Vehicle Rescue</b>
<b>NFPA 1006</b>	<b>Rescue Technician – Confined Space</b>
<b>NFPA 1081</b>	<b>Advanced Exterior Industrial Fire Brigade Member</b>
<b>NFPA 1002</b>	<b>Aerial Operator</b>
<b>NFPA 1002</b>	<b>Pump Operator</b>
<b>NFPA 1051</b>	<b>Wildland Firefighter I</b>
<b>NFPA 1521</b>	<b>Incident Safety Officer</b>



<b>NFPA 472</b>	<b>Hazardous Material Awareness</b>
<b>NFPA 472</b>	<b>Hazardous Materials Operations</b>
<b>NFPA 472</b>	<b>Hazardous Materials Technician</b>



**FAX: (302) 739-6245**

**State of Delaware**  
**DELAWARE STATE FIRE SCHOOL**  
**Delaware Fire Service Center**  
**1461 Chestnut Grove Road**  
**Dover, Delaware 19904**

**TELEPHONE: (302) 739-4773**

## **WELCOME**

**The Director and Staff of the Delaware State Fire School thank you for your interest in the Emergency Response Training Programs held at our facility and would be most pleased to welcome you and your personnel to our classes.**

**We are quite proud of the Fire, Rescue, Hazardous Materials Technician and Emergency Care classes that we offer to assist you in training your Response Teams. We strive to maintain a low student instructor ratio so that all students actively participate in training. Our facility provides a unique opportunity for your personnel to become very proficient at emergency response skills in all of these disciplines. Our blend of theory training, held in our state of the art classrooms and hands-on training, held on our specially designed drill ground pads, insures the finest available learning opportunity for your teams.**

**Located at a convenient distance from both Philadelphia and Baltimore airports, we are also in an area, which provides a wide variety of hotel and dining possibilities for a pleasant stay. Our good highway infrastructure makes travel to and from the school a relatively easy task.**

**After you familiarize yourself with our brochure, feel free to phone or fax us with any additional questions or for additional information.**

**Again, thank you for your interest in our Training Programs. We hope to see you at one of our classes soon!**

**Sincerely,**

**Craig Stephens, Sr.**  
**Training Administrator**

**CRS/lkb**

**DELAWARE STATE FIRE SCHOOL  
1461 CHESTNUT GROVE ROAD  
DOVER, DE 19904**

**OFFICE HOURS: 8:00 A.M. - 4:30 P.M.**

**Monday through Friday**

**Telephone.....(302) 739-4773**

**Fax...24 Hours.....(302) 739-6245**

**Web Address..... [www.statefireschool.delaware.gov](http://www.statefireschool.delaware.gov)**

**Email us at.....[fire.school@state.de.us](mailto:fire.school@state.de.us)**

**STATE OF DELAWARE HOLIDAYS:**

<b>NEW YEAR'S DAY</b>	<b>January 01, 2016(Friday)</b>
<b>MARTIN LUTHER KING'S DAY</b>	<b>January 18, 2016 (Monday)</b>
<b>GOOD FRIDAY</b>	<b>March 25, 2016 (Friday)</b>
<b>MEMORIAL DAY</b>	<b>May 30, 2016 (Monday)</b>
<b>INDEPENDENCE DAY</b>	<b>July 04, 2016 (Monday)</b>
<b>LABOR DAY</b>	<b>September 05, 2016 (Monday)</b>
<b>ELECTION DAY</b>	<b>November 8, 2016 (Tuesday)</b>
<b>RETURNS DAY</b>	
<b>(after 12:00 noon Sussex County)</b>	<b>November 10, 2016 (Thursday)</b>
<b>VETERANS' DAY</b>	<b>November 11, 2016 (Friday)</b>
<b>THANKSGIVING DAY</b>	<b>November 24, 2016(Thursday)</b>
<b>DAY AFTER THANKSGIVING</b>	<b>November 25, 2016(Friday)</b>
<b>CHRISTMAS DAY</b>	<b>December 26, 2016 (Monday)</b>

**HOTELS IN VICINITY:**

<b>COMFORT SUITES</b>	<b>1654 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 736-1204</b>
<b>COMFORT INN &amp; SUITES</b>	<b>764 Leipsic Road, Dover, DE 19901</b>	<b>(302) 677-0505</b>
<b>DAYS INN</b>	<b>272 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 674-8002</b>
<b>FAIRFIELD INN</b>	<b>655 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 677-0900</b>
<b>HAMPTON INN</b>	<b>1568 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 736-3500</b>
<b>HILTON GARDEN INN</b>	<b>1706 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 674-3784</b>
<b>HOLIDAY INN DOWNTOWN</b>	<b>561 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 747-5050</b>
<b>HOLIDAY INN EXPRESS</b>	<b>1780 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 678-0600</b>
<b>MAINSTAY SUITES</b>	<b>201 Stover Boulevard, Dover, DE 19904</b>	<b>(302) 678-8383</b>
<b>RED ROOF INN</b>	<b>652 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 730-8009</b>
<b>RESIDENCE INN</b>	<b>600 Jefferic Boulevard, Dover, DE 19901</b>	<b>(302) 677-0777</b>
<b>SLEEP INN</b>	<b>1784 N. DuPont Highway, Dover, DE 19901</b>	<b>(302) 735-7770</b>



# **DIRECTIONS TO DELAWARE STATE FIRE SCHOOL**

## **KENT DIVISION**

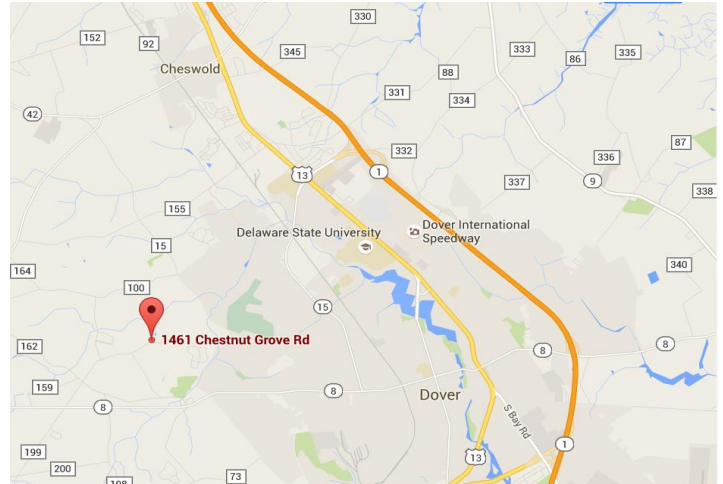
1461 Chestnut Grove Road, Dover, DE 19904

### **DIRECTIONS FROM PHILADELPHIA / BALTIMORE:**

1. Take Interstate 95 South to Delaware.
2. After you by-pass Wilmington, DE, start looking for signs to Exit 13 South to Dover.
3. Refer to - Directions from Northern Delaware

### **DIRECTIONS FROM NORTHERN DELAWARE:**

1. On US 13 South to Dover.
2. Approximately 10-15 miles after you cross the St. Georges Bridge, you will come to where Route 13 South turns into Route 1. Take Exit 119A to stay on Route 13 South (through Smyrna).
3. Stay on Route 13 South approximately 8-10 miles. You should now be approaching Dover. On Route 13 South you will come to Scarborough Road. It is opposite the north Dover entrance to the Route 1 By-pass.
4. Turn right on Scarborough Road. Go through first light (Del Tech Terry Campus should be on your right) and keep going straight to the second light which is at the College Road / McKee Road intersection. (Scarborough Road merges into McKee Road)
5. Turn right onto College Road (Road #99), which ends at Kenton Road.
6. Turn right onto Kenton Road (Road 104). Follow Kenton Road for 6/10 of a mile until you come to a small green sign that says, "Delaware Fire Service Center."
7. Turn left on Chestnut Grove Road. Delaware State Fire School will be approximately 1 mile, the second brick building on the right. OR - IF YOU TAKE ROUTE 1 BY-PASS, you will exit at the North Dover exit (104). Go straight through light crossing Route 13 and you will be on Scarborough Road. You will come to College Road (Road #99) at the second light. Turn right on College Road and go to the end. ( Dover FD Sta. 2 should be on your left) (Refer back to #6)



### **DIRECTIONS FROM SOUTHERN DELAWARE**

1. Follow Route 13 North to Dover until you come to traffic light before Delaware State University (there will be a shopping center on your right that has Acme, Applebee's & Staples...).
2. At the light, turn left onto College Road (Road #99).
3. Keep going straight (through the light @ McKee Road) to the end of College Road (Road #99), which is 2.1 miles. ( Dover FD Sta. 2 should be on your left)
4. Turn right onto Kenton Road (Road 104). Follow Kenton Road for 6/10 of a mile until you come to a small green sign that says, "Delaware Fire Service Center."
5. Turn left on Chestnut Grove Road. Go 1 mile. Delaware State Fire School will be approximately 1 mile, the second brick building on the right. OR - IF YOU TAKE ROUTE 1 BY-PASS, you will exit at the North Dover exit (104). Go straight through light crossing Route 13 and you will be on Scarborough Road. You will come to College Road (Road #99) at the second light. Turn right on College Road and go to the end. ( Dover FD Sta. 2 should be on your left) (Refer back to #4)

### **DIRECTIONS FROM CHESAPEAKE BAY BRIDGE (THE WEST)**

1. Proceed on 50 East/301 North. They will split after Bay Bridge. Stay on 301 North.
2. After Rest Area on left, proceed approximately 5 miles.
3. Take Right onto 302 (Barclay Road) to Barclay, Maryland. Will come to stop in Barclay (Delmarva Sash and Door will be on right corner). Proceed through stop until you come to Templeville.
4. Turn Right on Road 454, to Marydel. You will cross Delaware Line. Road changes into Route 8/Halltown Road once in Delaware.
5. Proceed on Route 8/Halltown Road. At second stoplight you will be in Dover, a McDonald's will be to your Right, Mellon Bank on far-left corner. Turn Left at that light onto Kenton Road. (Road 104)
6. Once on Kenton Road (pass Fire Station on right, Fox Hall West housing development on left), until you come to a small green sign that says, "Delaware Fire Service Center."
7. Turn left onto Chestnut Grove Road. Delaware State Fire School will be approximately 1 mile, the second brick building on the right.

## **NEW CASTLE DIVISION:** 2311 MacArthur Drive, New Castle, DE 19720

### **DIRECTIONS FROM NORTHERN DELAWARE**

1. Follow Route 13 South to Rt. 141 Basin Road.
2. Turn Right going North on Basin Road. Follow approximately 1 mile.
3. Turn Left onto Commons Blvd. (Rt. 37) Follow approximately 1 mile.
4. Turn Right onto Old Airport Road. You will see a small green sign that says, "Delaware Fire Service Center." Follow approximately 3/4 miles.
5. Turn Right onto MacArthur Drive. (past the treatment plant)

### **FROM INTERSTATE 95**

1. Go South on Basin Road. (RT. 141)
2. Follow Basin Road until you get to Commons Blvd. (Rt. 37)
3. Turn Right onto Commons Blvd. Follow approximately 1 mile.
4. Turn Right onto Old Airport Road. You will see a small green sign that says, "Delaware Fire Service Center." Follow approximately 3/4 miles.
5. Turn Right onto MacArthur Drive. (past the treatment plant)

### **DIRECTIONS FROM PHILADELPHIA**

1. Take Interstate 95 South to Basin Road. (Rt. 141)
2. Refer to directions – "From Interstate 95"

### **DIRECTIONS FROM BALTIMORE:**

1. Take Interstate 95 North to Basin Road. (Rt. 141)
2. Refer to directions – "From Interstate 95"

### **DIRECTIONS FROM SOUTHERN DELAWARE**

1. Follow Route 13 North to Rt. 141 Basin Road.
2. Go North on Rt. 141 Basin Road. Follow approximately 1 mile.
3. Turn Left onto Commons Blvd. (Rt. 37) Follow approximately 1 mile.
4. Turn Right onto Old Airport Road. You will see a small green sign that says, "Delaware Fire Service Center." Follow approximately 3/4 miles.
5. Turn Right onto MacArthur Drive. (past the treatment plant)

### **ALTERNATE DIRECTIONS FROM SOUTHERN DELAWARE – (Use only if familiar to area)**

1. Follow Route 13 North to Route 1
2. Follow Route 1 to Christiana Bypass Road Exit. (Rt. 273)
3. Turn Right at the Bottom of the EXIT Ramp going East on Rt. 273.
4. Turn Left on Airport Road. (37 North)
5. Follow 2 miles to Old Airport Road. (through the light at Rt. 58 Churchman's Rd)
6. Turn Left onto Old Airport Road. You will see a small green sign that says, "Delaware Fire Service Center." Follow approximately 3/4 miles.
7. Turn Right onto MacArthur Drive. (Past the treatment plant)

## **SUSSEX DIVISION:** 22705 Park Avenue, Georgetown, DE 19947

### **DIRECTIONS FROM NORTH/WEST**

1. Take 113 South/DuPont Blvd. south past Georgetown
2. Make left turn onto Arrow Safety Road across from 1<sup>st</sup> State Chevy, south of Georgetown
3. From Arrow Safety Rd. turn left at stop sign – onto Truck Route 9/South Bedford Street
4. Go ¼ mile on South Bedford Street and make a Right – onto Park Avenue/Truck Route 9
5. Go 1 ¼ miles on Park Ave. following Truck Route 9 east around Airport
6. Fire Marshal's Office and Fire School will be on left -- use Nanticoke Ave./Sussex Airpark Industrial Park Entrance

### **DIRECTIONS FROM SOUTH**

1. Take 113 North/DuPont Blvd
2. Make right turn onto Truck Route 9 / South Bedford Street at Del DOT/Troop 4, south of Georgetown
3. Go 1 mile on Truck Rt. 9 / South Bedford Street and make a Right onto Park Avenue -- following TR 9
4. Go 1 1/4 miles following TR 9 / Park Avenue east around the Airport
5. Fire Marshal's Office and Fire School will be on left -use Nanticoke Ave. the Sussex Airpark Industrial Park Entrance

### **DIRECTIONS FROM EAST**

1. Take RT. 9/Lewes Georgetown Highway west to Truck Route 9/ Park Avenue (2 miles East of Georgetown)
2. Make left turn onto Truck Route 9 / Park Avenue
3. Go 1 1/2 miles following Truck Route 9 (Park Avenue)
4. Fire Marshal's Office and Fire School will be on right – use Nanticoke Ave. - the Sussex Airpark Industrial Park Entrance

## INDEX

D.S.F.S. PROBOARD/IFSAC CERTIFICATIONS.....	2
WELCOME LETTER.....	3
ADDRESS, CONTACT INFORMATION, HOLIDAYS, HOTELS .....	4
DIRECTIONS TO ALL DIVISIONS .....	5-6
REGISTRATION PROCEDURES, SUBSTITUTIONS, CANCELLATIONS.....	8
CLASS HOURS, TRAINING EQUIPMENT .....	9
PERSONAL PROTECTIVE EQUIPMENT/CONFINED SPACE EQUIPMENT .....	9
BEARD POLICY .....	9
USE OF ELECTRONIC DEVICES.....	10
STUDENT DRESS CODE & BEHAVIOR POLICIES .....	10
INDUSTRIAL TRAINING SCHEDULE FOR 2016.....	11
NFPA 600 OPTIONS .....	12-14
REGISTRATION FORM.....	23

### INDUSTRIAL TRAINING PROGRAMS

Brigade I - Basic .....	15
Brigade II - Intermediate.....	15
Brigade IIIA – Advanced Exterior .....	16
Brigade IIIB – Interior Structural .....	16
Brigade IV – Leadership Skills .....	16
Brigade Review - Flammable Liquids/Gas Firefighting .....	17
Brigade Review - Structural Firefighting .....	18
NFPA 1081 Certification Course .....	17
Fire Inspector I Certification Course .....	17-18
Incipient Brigade .....	15
Industrial Confined Space Rescue .....	18
Industrial Confined Space Rescue Refresher .....	18
Industrial Emergency Medical Responder .....	19
Industrial Emergency Medical Responder Refresher .....	19
Special Fire Brigade Training.....	20

### HAZARDOUS MATERIALS TECHNICIAN TRAINING

Hazardous Materials Technician Certification Course .....	21
Hazardous Materials Technician Refresher Course .....	22
Hazardous Materials Technician 24 Hour Course.....	22

## **GENERAL INFORMATION**

**REGISTRATION:** Personnel that wish to enroll in a course must return a registration form for each course no later than the Register By date specified on Page 11 of this catalog. A blank registration form is enclosed in the back of this catalog or can be found on our website [www.statefireschool.delaware.gov](http://www.statefireschool.delaware.gov). We need enough time to prepare class rosters, obtain class materials, and notify you if a class is full before your personnel leave to travel to the School. Please use the full name of the student on the registration form instead of nicknames or initials as this form is used to create the student computer record and that name will appear on the course certificate.

**CONFIRMATION:** You will receive written confirmation that your personnel have been accepted for a course. Please do not send personnel to the Fire School if you do not have confirmed space in the course for them.

**SUBSTITUTIONS:** If you discover that a person who has received confirmation cannot attend a course, you may send a substitute IF THEY HAVE MET THE PREREQUISITES FOR THAT COURSE. Please do not exceed the total number of confirmed spaces you have for a course.

**PLEASE FAX OR PHONE IN SUBSTITUTIONS SO WE MAY CHECK PREREQUISITES PRIOR TO THEIR ARRIVAL.**

**WALK-IN/NON-PRE-REGISTERED STUDENTS:** Any student who arrives for class and is not registered will be assessed an additional \$25.00 fee to cover administrative costs. Students may be denied admission if the course is full and they are not registered. Students will be denied access if they do not meet the prerequisites.

**CANCELLATION POLICY:** You will be billed for each person registered for the program. If you have to cancel a registration for a person for some reason, you may cancel up to noon the day before the class. If you do not notify the Fire School by that time and the student does not show up on the first day of class, your company will be billed for that person. When you cancel a registration for a student, you will be issued a cancellation number. No appeal for contested billing will be allowed if you do not have a cancellation number. This applies to all organizations. Billing will be done at the completion of each course.

**PREREQUISITES:** Some classes are sequentially structured and, therefore, have prerequisites. This is done because information in those advanced classes builds the knowledge learned in more basic classes. Students without the prerequisite knowledge will possibly fail to understand the information being presented in advanced classes. Wherever possible, classes have been designed to be taken in any order, so that you may more easily schedule personnel to take them. Please note the prerequisites for a class listed in each course description.

**PREREQUISITE CREDIT FROM OTHER TRAINING FACILITIES:** Students who have attended courses at other recognized training facilities may be able to meet prerequisites using courses taken at those facilities. Application to waive our prerequisite must be made in writing and must be received at the Delaware State Fire School at least 30 days prior to the class you wish to attend. You must include a transcript or copy of a certificate of completion for the course that was taken, clearly showing the name of the student, date, and location for the training. A list of specific classes or blocks of instruction in the course must be shown. Even if our prerequisite is waived, preference will be given to students who have attended the prerequisite course at our facility so that if a class is full, students who attended the prerequisite training at our facility will be accepted first. Delaware State Fire School reserves the right to be the exclusive judge on whether courses taken at other facilities fulfill prerequisites.

**PHYSICAL CONDITION OF STUDENTS:** No student should be sent to class with any physical and/or other condition that would prevent them from actively participating in class activities. No student shall be given credit for any unit of instruction in which they do not actively participate. No tuition credit will be given for students who cannot actively participate in class. Students who do not actively participate in any portion of the class will not be given a certificate of completion for the class and will not be eligible to return for other courses for which the uncompleted class is a prerequisite.

**FINANCIAL RESPONSIBILITY FOR MEDICAL/FIRST AID TREATMENT:** Any payment for any and all medical, first aid, and related charges will be the responsibility of the sponsoring organization.



## **CLASS HOURS:**

**Basic Brigade Skills, Hazardous Materials Technician Refresher Course and First Responder** begin promptly at 8:00 a.m. and end at 4:30 p.m. Students need to be at the training center by 7:45 a.m. the first day for administrative purposes.

**Advanced Exterior Brigade Certification Course, Hazardous Materials Technician Course and Hazardous Materials Technician 24-hour Course** begin promptly at 8:00 a.m. and end at 5:00 p.m. Students need to be at the training center by 7:45 a.m. the first day for administrative purposes.

**Other classes** begin promptly at 9:00 a.m. and will end at 4:00 p.m. Please report to the Training Center by 8:30 a.m. on the first day of these courses for administrative purposes.

**MEALS:** A noon meal will be provided in our cafeteria.

**TUITION FEES:** Tuition rates reflect our operating costs. Hence, courses, which require the most materials, will cost the most to attend. A schedule of current tuition fees can be found on the Tuition Schedule page in this brochure.

**REQUIRED PROTECTIVE EQUIPMENT FOR LIVE BURN EVOLUTIONS:** The NFPA Live Burn Standard, NFPA Safety Standard, OSHA Fire Brigade Standards and Delaware State Fire School policy require personal protective equipment be worn for live fire training. Personnel sent to the school without approved fire coats, bunker pants, boots, gloves, helmets and eye protection cannot fight fires. Students who do not fight fires will not be issued certificates of completion or be given tuition credit for uncompleted portions of the course.

**\* It is also strongly recommended that you provide students with flame retardant hoods.**

This policy applies to all Structural Firefighting, Flammable Liquids Firefighting and Flammable Gas Firefighting.

## **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

Includes approved coat, bunker pants, boots, gloves, helmets, and eye protection. Appropriate clothing must be provided as indicated on the registration form. The department must provide their members with proper fitting and safe personal protective equipment. Students with ill-fitting and/or improper personal protective equipment will not be permitted to participate in classes requiring personal protective equipment.

## **CONFINED SPACE RESCUE EQUIPMENT:**

Due to the nature of the course and the types of evolutions, special equipment is required for the Confined Space Rescue Course. Firefighting gear is not worn because it is too bulky and cumbersome for some evolutions. All students participating in the Confined Space Rescue Class must have the following personal protective equipment: Hardhat with chin strap, Coveralls (optional), Gloves, Eye Protection, Ankle high work boots (optional), Elbow and knee-pads (optional).

## **BEARDS, BREATHING APPARATUS AND LIVE FIRE TRAINING:**

Delaware State Fire School has a "no beard" policy for students participating in State Fire School sponsored fire and rescue training programs. This action is consistent with recommended national standards, which have been in effect for a number of years. (1988)

In order to clarify when the policy applies and when it does not apply, the following guideline has been adopted:

### **Delaware State Fire School Center or Divisions**

Students with beards or any facial hair in contact with the face piece seal of self-contained breathing apparatus (SCBA) or respirators will not be permitted to participate or attend any training activity which requires the use of personal protective equipment, turnout gear, helmets and/or breathing apparatus. Officers and Drivers of fire and rescue apparatus are included.

### **In-Service Training at Off-Site Locations**

Students with beards or any facial hair in contact with the face piece seal of a self-contained breathing apparatus (SCBA) or respirators will not be permitted to participate in any training activity that requires the student to wear breathing apparatus (SCBA).

## **USE OF ELECTRONIC DEVICES: (Mobile Phones, Cameras, Laptops, Tablets, etc.)**

The Delaware State Fire School permits students to use a laptop, or notebook, or tablet device or an electronic textbook to take notes and other course-related activities of the class with approval of the lead Instructor. It is the responsibility of the Instructor to decide when, if, and what types of technology is to be used or permitted during class.

Electronic devices, including mobile phones, operated in a classroom or on the drill grounds is prohibited by all personnel. Instructors or Instructor Aides may use a mobile phone only in the performance of their duties. All mobile phones must be in the off or vibrate mode and non-visible during class instruction.

No pictures or recordings shall be taken of class instruction for personal use or publication in the social media environment without the approval of the Fire School Director or his designee by any personnel.

Individuals who do not adhere to the policies concerning appropriate use of electronic devices during a class may be asked to leave the facility.

## **DRESS CODE:**

As times have changed so have some of today's fashions. The Delaware State Fire School, however, is foremost an educational facility. With that constantly in mind, the dress code is designed to promote a healthy and safe, distraction-free learning environment.

- ☐ No shorts or sleeveless shirts
- ☐ No flip-flops or open toe shoes
- ☐ No bare midriffs
- ☐ Visible body piercings shall be limited to the ear
- ☐ No dangling earrings shall be worn when performing evolutions
- ☐ No exposed jewelry shall be worn with the exception of wedding rings
- ☐ No sexually explicit logos on shirts
- ☐ Hats (including bandanas or do-rags) cannot be worn during classroom instruction
- ☐ Spandex is not permitted

The dress code policy will be enforced for any DSFS class that is held at a center (including New Castle and Sussex), including In-service classes held at a center. In-service classes held off-site are not subject to this policy.

Chiefs and Training Officers, PLEASE make sure your students coming to classes at the DSFS are dressed properly.

## **STUDENT BEHAVIOR:**

- ☐ The use of tobacco products and e-cigarettes (including smokeless tobacco and vapor) is prohibited within boundaries of all state workplaces including all buildings, facilities, indoor and outdoor spaces, and surrounding grounds owned by State.
- ☐ Students are expected to be on time for all classes and to remain in class unless excused. In keeping with sound educational practice, and in fairness to those students who do comply, those who miss the roll call or who leave during the class will NOT be given credit for that block of instruction.
- ☐ All students are expected to act professionally and courteously and to show respect to others at all times. Anyone displaying aggressive or offensive behavior WILL BE REMOVED from class.
- ☐ Walking on the grass is prohibited.
- ☐ Students are not to discard trash, etc. on the property except in the designated containers.
- ☐ Students are to respect the community and not speed, drive recklessly, or sound their sirens in the vicinity of the Delaware State Fire School property.
- ☐ Transportation to/from the Delaware State Fire School is the responsibility of the student and/or their department. Students are not to linger on the property after class has ended.



# EMERGENCY RESPONSE TEAM TRAINING FOR INDUSTRY



## DELAWARE STATE FIRE SCHOOL

### Industrial Training Schedule 2016

#### INDUSTRIAL FIRE

#### REGISTER BY

Brigade I—Basic Skills .....	March 15, 16, 17 .....	March 1
Brigade II-Intermediate Skills .....	March 29, 30, 31 .....	March 15
Brigade III A - Advanced Exterior Skills .....	April 05, 06, 07 .....	March 22
Brigade III B - Interior Structural Skills .....	April 26, 27, 28.....	April 12
Brigade I—Basic Skills .....	October 04, 05, 06 .....	September 20
Brigade II-Intermediate Skills .....	October 11, 12, 13 .....	September 27
Brigade III A - Advanced Exterior Skills .....	October 18, 19, 20 .....	October 4
Brigade III B - Interior Structural Skills .....	October 25, 26, 27 .....	October 11
Brigade IV – Leadership Skills .....	November 01, 02, 03 .....	October 18

#### INDUSTRIAL RESCUE

Industrial Confined Space Rescue.....	April 18, 19, 20, 21.....	April 4
Industrial Confined Space Rescue Refresher.....	October 18, 19, 20.....	Oct. 4

#### HAZARDOUS MATERIALS TECHNICIAN

Hazardous Materials Technician Certification Course.....	May 02, 03, 04, 05, 06.....	April 18
Hazardous Materials Technician 16 Refresher.....	May 10, 11 .....	April 26
Hazardous Materials Technician 24-Hour Course .....	May 17, 18, 19 .....	May 3
Hazardous Materials Technician Certification Course.....	Sept. 19, 20, 21, 22, 23 .....	September 6
Hazardous Materials Technician 16 Refresher.....	September 27, 28 .....	September 13
Hazardous Materials Technician 24-Hour Course .....	October 04, 05, 06.....	September 20

#### EMERGENCY MEDICAL RESPONDER

All Divisions—Weekend-Emergency Medical Responder.....	Jan. 09, 10, 16, 17, 23.....	Dec. 28, 2015
All Divisions—Weekend-Emergency Medical Responder.....	March 06, 12, 13, 19, 20.....	Feb. 26
Kent County-Emergency Medical Responder Refresher.....	April 09, 10.....	March 24
Kent County-Emergency Medical Responder.....	May 09, 10, 11, 12, 13.....	April 25
Kent County—Weekend-Emergency Medical Responder.....	October 08, 09, 15, 16, 22....	September 23
Kent County—Weekday-Emergency Medical Responder.....	October 17, 18, 19, 20, 21 ...	October 3
All Divisions—Weekend-Emergency Medical Responder Refresher....	November 19, 20 .....	November 4



Register at: [www.statefireschool.delaware.gov](http://www.statefireschool.delaware.gov)



## **BRIGADE DESCRIPTIONS FROM NFPA 600 OPTIONS**

### **A. YOUR BRIGADE IS INCIPIENT IF...**

1. You only fight incipient fires. If the fire is not in its beginning stage or when we come in contact with any products of combustion, we leave the area.
2. You use only portable fire extinguishers or low volume hand lines.
3. You do not need protective equipment or Self Contained Breathing Apparatus.

### **B. YOUR BRIGADE IS ADVANCED EXTERIOR IF...**

1. You only fight incipient fires if they are inside a structure. If an interior fire is not in its beginning stage or when you come in contact with products of combustion, we leave the area.
2. You fight both incipient and advanced fires if they are outside the structure. On these fires, you enter the fire control zone to approach and extinguish fires, close valves, or use any other control means necessary to control the fire.
3. You use only portable extinguishers and low volume hand lines on incipient fires. You use high volume hand lines, master streams, or special agent devices on the advanced exterior fires only.
4. You have NFPA approved personal protective equipment, including Self Contained Breathing Apparatus, that must be used on advanced exterior fires when you enter the fire control zone.

### **C. YOUR BRIGADE IS INTERIOR STRUCTURAL IF...**

1. You fight both incipient and advanced fires if they are inside a structure.
2. You fight only incipient fires if they are outside a structure. If they are not in their beginning stage or if you come in contact with products of combustion, you leave the area. You do not approach advanced exterior fires to close valves or use other means to extinguish these fires.
3. You use portable extinguishers and low volume hand lines to control incipient fires. You use high volume hand lines, master streams, and special agent devices on advanced fires inside of structures only.
4. You have NFPA approved personal protective equipment, including Self Contained Breathing Apparatus, that must be used on advanced interior fires.

### **D. YOUR BRIGADE IS ADVANCED EXTERIOR AND INTERIOR STRUCTURAL IF...**

1. You fight any fire, incipient or advanced, both inside and outside of structures.
2. You use low volume hand lines, portable extinguishers, high volume hand lines, master streams, and special agent devices on fires.
3. You have NFPA approved personal protective equipment, including Self Contained Breathing Apparatus, that must be used on any advanced fire.

# DELAWARE STATE FIRE SCHOOL

## NFPA 600 DECISION TREE

**SELECT THE DESCRIPTION OF WHAT YOUR BRIGADE DOES:**      **REQUIRED TRAINING LEVEL**

↓

**YES → INCIPIENT BRIGADE**

**BRIGADE FIGHTS ONLY INCIPIENT FIRES**

↓

**NO**

↓

**BRIGADE FIGHTS ADVANCED EXTERIOR FIRES FROM  
INSIDE CONTROL ZONE  
AS WELL AS INCIPIENT FIRES**

**YES → ADVANCED EXTERIOR BRIGADE**

↓

**NO**

↓

**BRIGADE FIGHTS ADVANCED INTERIOR FIRES AS WELL  
AS INCIPIENT FIRES**

**YES → INTERIOR STRUCTURAL BRIGADE**

↓

**NO**

↓

**BRIGADE FIGHTS BOTH ADVANCED EXTERIOR AND  
ADVANCED INTERIOR FIRES**

**YES → ADVANCED EXTERIOR / INTERIOR  
STRUCTURAL BRIGADE**

### DELAWARE STATE FIRE SCHOOL COURSE SELECTION GUIDE

<u>NFPA 600 OPTIONS</u> (IF UNDECIDED - SEE DECISION TREE ON PRECEDING PAGE FOR SELECTION)	<u>SHOULD TAKE THESE COURSES</u>
<u>INCIPIENT BRIGADE</u>	INCIPIENT BRIGADE
<u>ADVANCED EXTERIOR BRIGADE</u>	BRIGADE I - BASIC BRIGADE SKILLS BRIGADE II – INTERMEDIATE  BRIGADE SKILLS BRIGADE III A - ADVANCED EXTERIOR BRIGADE
<u>INTERIOR STRUCTURAL BRIGADE</u>	BRIGADE I - BASIC BRIGADE SKILLS BRIGADE II – INTERMEDIATE  BRIGADE SKILLS BRIGADE III B - INTERIOR STRUCTURAL BRIGADE
<u>ADVANCED EXTERIOR /INTERIOR STRUCTURAL BRIGADE</u>	BRIGADE I - BASIC BRIGADE SKILLS BRIGADE II – INTERMEDIATE  BRIGADE SKILLS BRIGADE III A - ADVANCED EXTERIOR BRIGADE BRIGADE III B - INTERIOR STRUCTURAL BRIGADE



## **NFPA 600 SUMMARY**

<u><b>May Fight:</b></u>	<b>Incipient Option</b>	<b>Advanced Exterior Option</b>	<b>Interior Structural Option</b>	<b>Advanced Exterior &amp; Interior Structural Option</b>
<b>Incipient Interior fires</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Incipient Exterior fires</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Advanced Exterior fires</b>	<b>NO</b>	<b>YES</b>	<b>NO</b>	<b>YES</b>
<b>Advanced Interior fires</b>	<b>NO</b>	<b>NO</b>	<b>YES</b>	<b>YES</b>

### **PERMITTED EQUIPMENT:**

<b>Portable Extinguishers</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Low Volume Handlines</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>High Volume Handlines</b>	<b>NO</b>	<b>Exterior Only</b>	<b>Interior Only</b>	<b>YES</b>
<b>Master Stream</b>	<b>NO</b>	<b>Exterior Only</b>	<b>Interior Only</b>	<b>YES</b>
<b>Special Agent Devices</b>	<b>NO</b>	<b>Exterior Only</b>	<b>Interior Only</b>	<b>YES</b>

### **REQUIREMENTS:**

<b>Written Plans</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Training &amp; Education</b>	<b>Annually</b>	<b>Quarterly</b>	<b>Quarterly</b>	<b>Quarterly</b>
<b>Protective Clothing &amp; SCBA</b>	<b>NO</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
<b>Live Fire Training</b>	<b>Before Assignment</b>	<b>Annually</b>	<b>Annually</b>	<b>Annually</b>
<b>Drills</b>	<b>Annually</b>	<b>Semi-annually</b>	<b>Semi-annually</b>	<b>Semi-annually</b>
<b>Medical Evaluation</b>	<b>Before Assignment</b>	<b>Annually</b>	<b>Annually</b>	<b>Annually</b>

# **INDUSTRIAL TRAINING**

## **INCIPIENT BRIGADE (12 HOURS) TC**

**PURPOSE:** This course is intended to meet or exceed the provisions of NFPA 600 for those facilities selecting the Incipient Brigade Option. It is a blend of classroom study and practical drill ground evolutions. It is designed to enable even the non-fire oriented employee to successfully extinguish an incipient fire with a fire extinguisher or small diameter hose line.

**CONTENT:** Fire Brigade Organization, Fire Extinguisher, Hose Handling, Chemistry of Fire and Incipient Firefighting are covered in this course.

**AUDIENCE:** Any personnel who are currently serving on or will be assigned to an Incipient Brigade are encouraged to attend.

**PREREQUISITES:** None

**EQUIPMENT NEEDED:** Hard Hat, gloves and eye protection

**CLASS LIMITS:** 50 students

**TUITION:** \$160 In-State Companies; \$230 Out-of-State Companies

## **BRIGADE I - BASIC (24 HOURS) TC** (This class starts at 8:00 a.m.)

March 15, 16, 17, 2016  
October 04, 05, 06, 2016

**PURPOSE:** This course is the first step in our training program. It is designed to bring even the non-fire oriented industrial worker to a training level where they will be able to function as a useful member of the industrial emergency response team.



**CONTENT:** Fire Brigade Organization, Chemistry of Fire, Fire Extinguisher, The Incident Management System, Hose Handling/Appliances, Self Contained Breathing Apparatus, Interior Firefighting, Flammable Liquids Firefighting, and Flammable Gas Firefighting are covered in this course.

**AUDIENCE:** Any personnel currently serving on or will be assigned to serve, on a fire brigade are encouraged to attend.

**PREREQUISITES:** None

**CLASS LIMIT:** 60 Students

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$285 In-State Companies; \$390 Out-of-State Companies

## **BRIGADE II - INTERMEDIATE (18 HOURS) TC**

March 29, 30, 31, 2016  
October 11, 12, 13, 2016

**PURPOSE:** This course is intended to provide essential training for personnel assigned to Brigades seeking to meet NFPA 600 Standards for Interior Structural or Advanced Exterior Brigade. Building on the skills learned in Brigade I – Basic Brigade Skills, it bridges the gap between that course and the next level course.

**CONTENT:** Automatic Sprinklers, Hazardous Materials Awareness, Electrical Safety, Loss Control, Water Supplies, Detection Systems, Salvage and Overhaul, Forcible Entry, Basic Ladders, and Search and Rescue are covered in this course.

**AUDIENCE:** Any personnel currently serving on, or who will be assigned to, an Interior Structural or Advanced Exterior Brigade may attend.

**PREREQUISITES:** Brigade I - Basic Brigade Skills

**CLASS LIMIT:** 60 Students

**EQUIPMENT NEEDED:** Hardhat and gloves required. Eye protection recommended.

**TUITION:** \$240 In-State Companies; \$345 Out-of-State Companies

## **BRIGADE IIIA - ADVANCED EXTERIOR (18 HOURS) TC**

April 05, 06, 07, 2016  
October 18, 19, 20, 2016

**PURPOSE:** This course is intended to provide essential training for personnel assigned to fire brigades seeking to meet NFPA 600 Advanced Exterior or Advanced Exterior/Interior Structural options. Building on the skills learned in Basic Brigade Skills, it allows the brigade member to fight more complex fires.

**CONTENT:** Storage Vessels, Flammable Liquid Firefighting, Flammable Gas Firefighting, Hazardous Materials Tactics and Firefighting Foam are covered in this course.

**AUDIENCE:** Any personnel who are currently serving on, or who will be assigned to an Advanced Exterior or Advanced Exterior/Interior Structural Brigade are encouraged to attend.

**PREREQUISITES:** Basic Brigade Skills

**CLASS LIMIT:** 75 Students

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$385 In-State Companies; \$390 Out-of-State Companies

## **BRIGADE IIIB - INTERIOR STRUCTURAL (18 HOURS) TC**

April 26, 27, 28, 2016  
October 25, 26, 27, 2016

**PURPOSE:** This course is intended to provide essential training for personnel assigned to fire brigades seeking to meet NFPA 600 Interior Structural or Advanced Exterior/Interior Structural options. Building on the skills learned in Basic Brigade Skills or Fire Brigade I, it takes the brigade member beyond merely the application of water or fire extinguisher agent. It enables the brigade member to fight larger, more complex fires and to learn additional critical fire emergency functions.

**CONTENT:** This course covers Automatic Sprinklers, Hazardous Materials Recognition, Electrical Safety, Ventilation, RIT (Rapid Intervention Team) and, Tactics and Structural firefighting.

**AUDIENCE:** Any personnel who are currently serving on, or who will be assigned to an Interior Structural or Advanced Exterior/Interior Structural Brigade are encouraged to attend.

**PREREQUISITES:** Basic Brigade Skills

**CLASS LIMIT:** 75 Students

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$240 In-State Companies; \$345 Out-of-State Companies

## **BRIGADE IV – LEADERSHIP SKILLS (18 Hours) TC**

November 01, 02, 03, 2016

**PURPOSE:** This course is designed to develop leadership skills for brigade members who are serving in leadership positions. It acquaints the student with the supervisory skills necessary to direct a fire brigade emergency team during an in-plant emergency using an emergency management system. Students spend two of the three days of the course on the drill ground actually leading teams to control "emergencies" on our Structural, Flammable Liquids, and Flammable Gasses Pads.

**CONTENT:** This course is designed to teach team leader skills, principals of size-up, decision making in table top exercises, structural firefighting with student leaders, flammable liquids firefighting with student leaders and flammable gas firefighting with student leaders.

**AUDIENCE:** Experienced Fire Brigade members who are or will be assuming leadership roles during plant emergencies are encouraged to attend.

**PREREQUISITES:** Interior Structural Brigade; or Advanced Exterior Brigade.

**CLASS LIMIT:** 50 Students

**EQUIPMENT NEEDED:** Full PPE refer to page 9

**TUITION:** \$285 In-State Companies; \$390 Out-of-State Companies

## **BRIGADE REVIEW - FLAMMABLE LIQUIDS/GAS FIREFIGHTING (6 HOURS) TC**

**PURPOSE:** This course is intended to provide hands-on refresher training for experienced personnel in the area of Flammable Liquids and Gasses firefighting. It seeks to provide a source of practical firefighting not easily obtained on the plant site.

**CONTENT:** Subject areas included in this course are: Flammable Liquids Firefighting and Flammable Gas Firefighting.

**AUDIENCE:** Experienced Brigade members who are required to have refresher training in Flammable Liquids and Gas Firefighting are encouraged to attend.

**PREREQUISITES:** Basic Brigade Skills **CLASS LIMIT:** 50 Students

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$175 In-State Companies; \$225 Out-of-State Companies



## **BRIGADE REVIEW - STRUCTURAL FIREFIGHTING (6 HOURS) TC**

**PURPOSE:** This course is intended to provide hands-on refresher training for experienced personnel in the area of structural firefighting. It seeks to provide a source of practical firefighting experience not easily obtained on the plant site.

**CONTENT:** Structural Firefighting is discussed in this course

**AUDIENCE:** Experienced Brigade members who are required to have refresher training in Structural Firefighting are encouraged to attend.

**PREREQUISITE:** Basic Brigade Skills **CLASS LIMIT:** 50 Students

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$80 In-State Companies; \$115 Out-of-State Companies

## **NFPA 1081 CERTIFICATION COURSE (40 HOURS) TC**

**PURPOSE:** This course is intended to prepare the student for certification testing to achieve certification to the advanced exterior brigade member category of the NFPA 1081, Standard for Industrial Fire Brigade Member Professional Qualifications.

**CONTENT:** Safety; Personal Protective Equipment; Self-Contained Breathing Apparatus; Fire Behavior; Product Identification; Fire Extinguishers, Fixed Detection and Suppression Systems; Water Supply, Hose Streams and, Appliances; Master Streams; Firefighting Foam; Tactical Priorities and Considerations; and Ladders are covered in this course. At the conclusion of the course, students will complete both the written and practical tests for certification. Successful candidates will be certified to this section of the NFPA 1081 standard by the National Board on Fire Service Professional Qualifications (Pro Board).

**AUDIENCE:** Any Brigade member who wishes to be certified as an advanced exterior brigade member.

**CLASS LIMITS:** 15 minimum to 30 maximum

**CLASS TIME:** 0800 – 1630

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** \$1,200 All Students

## **NFPA FIRE INSPECTOR I CERTIFICATION COURSE (40 HOURS) TC**

July 11 - 15, 2016    Testing Date: July 16, 2016

**PURPOSE:** This course promotes professionalism within the fire inspection industry.

**CONTENT:** This course provides the student with the knowledge and skills needed to perform fire inspections through classroom lecture, case studies, written examinations and practical exercises.

**CERTIFICATION:** National Board of Fire Service Professional Qualifications (Pro Board) with a three-year renewal date.

**AUDIENCE:** This course is intended for those individuals who may perform fire inspections within the industrial and mercantile environment.

**PREREQUISITES:** Attainment of a high school education or equivalency

**CLASS LIMIT:** Minimum of 10; maximum of 40

**TUITION:** \$460 All Students

## **INDUSTRIAL CONFINED SPACE RESCUE (24 HOURS) TC/IS**

April 18 – 21, 2016

Approved for 12 hours of EMS – CEUs



**PURPOSE:** This course is designed to prepare industrial fire and rescue personnel to safely enter confined space areas to stabilize and remove victims.

**CONTENT:** "Hands-on-Training" to include raising and lowering of rescuer and victims in the confined space setting, through the use of ropes, rigging equipment, harness assemblies, and tripods. Evolutions include the use of air monitoring, in-line breathing, and first aid equipment. Practical evolutions utilizing "The Rescue Team Concept" will consist of horizontal and vertical rescue, underground rescue, and vessel-type rescues. OSHA 20 CFR 1910.146 will serve as a guideline.

**AUDIENCE:** This course is designed for fire, rescue and ambulance personnel who may be required as a member of a fire brigade to perform in a confined space rescue.

**PREREQUISITES:** All persons attending this course must be in good physical condition since all students will be required to participate in ALL course activities. Each student must be a participant in their Company's medical surveillance program complying with OSHA 1910.120, Section F and trained to operate and use Self Contained Breathing Apparatus (SCBA) addressed in OSHA 1910.134.

**CLASS LIMIT:** Minimum of 8; Maximum of 24      **TUITION:** \$410 In-State Companies; \$530 Out-of-State Companies

**EQUIPMENT NEEDED:** Confined Space Rescue Equipment refer to Page 9

## **INDUSTRIAL CONFINED SPACE RESCUE REFRESHER (18 HOURS) TC/IS**

October 18 – 20, 2016

**PURPOSE:** This course is designed to allow the Fire, Rescue, Ambulance and Brigade personnel that have been trained in Industrial Confined Space Rescue to refresh their knowledge and hands on skills.

**CONTENT:** A review of terminology, locks out tag out, legislated and reference materials. Atmospheric monitoring, psychological effects of confined space, preparation for entry and entry team considerations are also covered. This coupled with numerous rescue scenarios will allow the student to better prepare themselves for Industrial Confined Space Rescue.

**AUDIENCE:** Experienced Fire, Rescue, Ambulance and Brigade personnel are encouraged to attend.

**PREREQUISITES:** Industrial Confined Space Rescue      **CLASS LIMIT:** Minimum of 8; Maximum of 24

**TUITION:** \$270 In-State Companies; \$390 Out-of-State Companies

**EQUIPMENT NEEDED:** Confined Space Rescue Equipment refer to Page 9



## **INDUSTRIAL EMERGENCY MEDICAL RESPONDER (40 HOURS) TC/RC/IS**

**(This class starts at 8:00)**

**All Divisions – Weekend: January 09, 10, 16, 17, 23, 2016 and Weekend March 06, 12, 13, 19, 20, 2016**

**Kent County – Weekday: May 09, 10, 11, 12, 13, 2016 and October 17, 18, 19, 20, 21**

**Kent County – Weekend: October 08, 09, 15, 16, 22**

**PURPOSE:** This course is to provide the student with the basic life support skills and knowledge to assess, stabilize, and monitor the pre-hospital patient.

**CONTENT:** This course consists of airway management, CPR, trauma management, medical emergencies, emergency operations, obstetrics, and pediatrics.

**AUDIENCE:** This course is intended for those individuals who respond to pre-hospital situations and must manage the patient until pre-hospital units arrive or the patient can be transferred to individuals with more advanced levels of training.

**CERTIFICATION:** Personnel successfully completing the Emergency Medical Responder Course may be certified as an Emergency Medical Responder for a two (2) year period.

**PREREQUISITES:** None     **CLASS LIMITS:** Minimum 10; Maximum 25

**TUITION:** \$295 In-State Companies; \$350 Out-of-State Companies

## **INDUSTRIAL EMERGENCY MEDICAL RESPONDER REFRESHER (12 HOURS) TC/RC/IS**

**Kent County – Weekend April 09, 10**

**All Divisions – Weekend November 19, 20**

**PURPOSE:** This course is to re-fortify and enhance the skills and knowledge of the Emergency Medical Responder.

**CONTENT:** This course consists of airway management, CPR, AED, trauma management, medical emergencies, emergency operations, obstetrics, and pediatrics.

**AUDIENCE:** This course is intended for any individual currently certified as an Emergency Medical Responder.

**CERTIFICATION:** Personnel successfully completing the Emergency Medical Responder Refresher Course may be recertified as an Emergency Medical Responder for a two (2) year period.

**PREREQUISITES:** Must hold a current Emergency Medical Responder certification

**CLASS LIMITS:** Minimum 10; Maximum 25 students

**TUITION:** \$75 In-State Companies; \$115 Out-of-State Companies

## **SPECIAL FIRE BRIGADE TRAINING TC/IS**

### **VARIOUS PROGRAMS OFFERED ARE:**

(Hours determined by course material chosen)

Self-Contained Breathing Apparatus  
Fire Extinguishers  
Structural Firefighting  
Flammable Gas Firefighting  
Flammable Liquids Firefighting  
Search and Rescue  
Foam  
Fire Brigade Organization  
Hose Handling  
Fire Protection Systems  
Storage Vessels  
Tactics  
Theory of Structural Firefighting  
Incipient Firefighting  
Chemistry of Fire  
Ventilation  
Master Streams



**PURPOSE:** To enable brigade members to train together and to provide specialized training as needed to enhance Brigade Skills and/or knowledge in a customized format.

**AUDIENCE:** General Fire Brigade Members    **PREREQUISITES:** Varies between subjects

**CLASS LIMIT:** Varies

**EQUIPMENT NEEDED:** Full PPE refer to Page 9

**TUITION:** Contact us for Quote

# **HAZARDOUS MATERIALS** **TECHNICIAN TRAINING**

## **HAZARDOUS MATERIALS TECHNICIAN CERTIFICATION COURSE (40 HOURS) TC**

Approved for 40 hrs of EMS – CEUs  
May 02 – 06, 2016 and September 19 – 23, 2016

**PURPOSE:** This course is used to familiarize and train potential Emergency Response Team Members in regulations, suggested guidelines, procedures and techniques in mitigating a chemical release and/or spill on or off site. This course will address the training requirements of applicable occupational safety and health administration and national fire protection association at the Hazardous Materials Technician Level. The goal of the course is to allow for the student to safely and effectively respond to Chemical Emergencies and meet the required NFPA 472 Standard for Hazmat Awareness, Operations and Technician and 29 CFR 1910.120.

**CONTENT:** This course will provide information on the following subject areas: regulation overview, toxicology, chemistry of hazardous substances, pesticides, materials safety data sheets, incident command, department of transportation hazardous materials classifications, shipping documents, labels, placards and emergency guidebook, NFPA hazard identification system, incident assessment criteria, monitoring and instrumentation guidelines, chemical protective clothing, de-contamination, medical monitoring, non-bulk containers, patching of non-bulk containers, theory and use of chlorine a, b, & c and midland kits, cargo tank and van trailers, intermodal containers, rail cars, container damage assessment, transloading operations, flaring and/or emergency de-inventory operations, sorbents, spill confinement, fixed site emergencies, media relations and a review of selected hazardous materials terms and bibliographies. Throughout the class, students will be expected to demonstrate the application of specific theories, skills and techniques and successfully pass written quizzes and an examination with a grade of 70% or better. Upon the successful completion of all tests and course requirements the student will receive ProBoard and IFSAC certification in Hazmat Awareness, Operations and Technician as well as state certification for Technician.

**AUDIENCE:** This course is designed to provide education and experience to a newly designated Emergency Response Team member, with minimal training and experience in the Hazardous Materials Emergency Response field.

**PREREQUISITES:** None

**TUITION:** \$900 All Students

**EQUIPMENT NEEDED:** Work clothing and steel toe boots

**CLASS LIMIT:** 24 students



## **HAZARDOUS MATERIALS TECHNICIAN REFRESHER COURSE (16 HOURS) TC/IS**

Approved for 16 hrs of EMS – CEUs

May 10, 11, 2016 and September 27, 28, 2016

**PURPOSE:** This course is provided to re-familiarize emergency response team members in guidelines, procedures and techniques in mitigating a chemical release and/or spill on or off site from a container. This course will address refresher training requirements of applicable occupational safety and health administration and national fire protection association at the hazardous materials technician level. The goal of the course is to allow for the student to safely and effectively respond to chemical emergencies.

**CONTENT:** This course will provide information on the following subject areas: Incident Command, Incident Assessment criteria, Monitoring and Instrumentation activities, Chemical Protective Clothing and Respiratory Protection, Decontamination and evolutions involving Non-bulk containers, Cargo Tank and Van trailers, Intermodal Containers and Rail Cars, Transloading Operations, Flaring and/or Emergency De-inventory Operations, Sorbents and Spill Confinement. Throughout the Class, students will be required to demonstrate the application of specific theories, skills and techniques. Upon the successful completion of all tests and course requirements the student will receive state certification for Haz Mat Technician.

**AUDIENCE:** This course is designed to provide continuing education and experience to Emergency Response Team members, who respond to Hazardous Materials Emergencies.

**PREREQUISITES:** DSFS HAZARDOUS MATERIALS TECHNICIAN COURSE or approved equivalent.

**CLASS LIMIT:** 24 students **EQUIPMENT NEEDED:** Work clothing and steel toe boots

**TUITION:** \$400 All Students

## **HAZARDOUS MATERIALS TECHNICIAN 24-HOUR COURSE (24 HOURS) TC/IS/RC**

Approved for 24 hrs of EMS – CEUs

May 17 – 19, 2016 and October 04 – 06, 2016

**PURPOSE:** This course will teach the student to perform the procedures required to confine, contain, or control a hazardous materials problem within the capacity of the resources and personal protective equipment available. The student will be taught to perform hazard and risk assessment techniques necessary to mitigate a hazardous materials incident. Implementation of decontamination procedures will be a skill that the student should understand and carry out with a high degree of competence.

After attending the course, a student should be able to implement a safety plan and have a higher degree of knowledge concerning basic chemical, biological, and technical terminology and behavior.

**CONTENT:** The Hazardous Materials Technician 24 Hour Course is designed to bring all participants to a level of understanding, to assess, develop and implement an action plan to mitigate a Hazardous substance release. These include small packages, drums, totes, and various types of tank trucks, railcars and equipment within facilities.

Subjects include: Incident Management, Chemistry of Hazardous Substances, MSDS, Pesticides, DOT Hazardous Materials Classes, Shipping Papers, Placarding, Emergency Response Guidebook, NFPA 704 Hazardous Identification System, Air Monitoring, Protective Clothing, Decontamination, Medical Monitoring, Patching Small Containers, Van Trailers, Packing Segregation and Separation, Blocking and Bracing, Cylinders, Bulk Highway Trailers, Intermodal Portable Tanks, Rail Cars, Damage Assessment, Transload, Sorbents, Spill Confinement, Fixed Sites and Termination and Legal Considerations. Upon successful completion of all tests and course requirements student will receive State certification in Hazardous Materials Technician.

**AUDIENCE:** This course is designed for the Industrial Responder who has knowledge of hazardous materials. This course meets 29 CFR 1910.120(q) for Hazardous Materials Technician.

**PREREQUISITES:** All persons attending this course must be in good physical condition since all students will be required to participate in ALL course activities. Each student must be a participant in their Company's medical surveillance program complying with OSHA 1910.120, Section F and trained to operate and use Self Contained Breathing Apparatus (SCBA) addressed in OSHA 1910.134.

**CLASS LIMIT:** 24 students **EQUIPMENT NEEDED:** Work clothing and steel toe boots.

**TUITION:** \$600 All Students



# Delaware State Fire School - Registration Form

COMPLETE FORM, PRINT TO OBTAIN AUTHORIZED SIGNATURES, AND RETURN TO DELAWARE STATE FIRE SCHOOL BEFORE DEADLINE.



Delaware State Fire School  
1461 Chestnut Grove Road  
Dover, DE 19904

Phone: 302-739-4773  
Fax: 302-739-6245  
www.statefireschool.delaware.gov  
Email: Fire.School@state.de.us  
Rev. 10/30/15

## Fill in class information:

Course Name:

Dates Attending:

Class Time:

Class Location:  
(see Class Posting)

☐ Kent ☐ New Castle ☐ Sussex ☐ On-Line

I meet the Course Prerequisites? ☐ YES ☐ NO

Comments:

## Attendee Information

Last Name: Jr./Sr.

First Name, Middle

Address:

City, State, Zip

Last 4 Digits SSN:

Date of Birth:

Contact Phone:

E-Mail:

Date Joined Fire  
Service:

Sponsoring  
Organization:

Sex:

☐ Male ☐ Female

Ethnic Origin:  
(Optional)

## Payment Information

Tuition:

☒ Check payable to Delaware State Fire School

☐ Invoice (DE Fire Companies Only)

☐ Credit Card Select Type:

Card Number:

Expiration Date:

Security Code:

Cardholder Name:

TO FAX, PRINT COMPLETED FORM AND SIGN

**CANCELLATION POLICY:** Cancellations for students registered for this course must be received by the Fire School no later than noon the Wednesday before scheduled class date. Cancellations received after the deadline may be assessed a fee or payment of class tuition.

**ATTENDEE SIGNATURE:** The Delaware State Fire School will provide instruction in emergency response training and related skills under carefully selected instructors. In accepting instruction, you agree to the condition that the Delaware State Fire School assumes no responsibility other than the opportunity to learn. I understand that the payment for the course tuition and any and all medical, first aid and related charges will be the responsibility of the sponsoring organization. In the event no sponsoring organization is given and no signature is obtained, I accept this responsibility. I certify that I do not have any physical or other condition that will prevent me from actively participating in this course. By enrolling in this course, I also agree that the Delaware State Fire School may authorize the taking of photographs or movies or similar reproductions and may use them in either a commercial or noncommercial manner. At the sole discretion of DSFS and I hereby waive any objection to this activity and authorize use of my picture. In accepting enrollment for this course, the Delaware State Fire School is hereby relieved of liability.

ATTENDEE SIGNATURE

Date

Email for Authorized Signature

## AUTHORIZED SIGNATURE IS REQUIRED OF SPONSORING ORGANIZATION:

By signing this form I am certifying that the individual taking training does not have any physical and/or other conditions that would prevent them from actively participating in all portions of this course. I understand that payment for the course and any and all medical, first aid and related charges will be the responsibility of the sponsoring organization.

Authorized Signature of Sponsoring Organization

Name

Date

Sponsoring Organization

Title

Contact Phone Number

Submit by Email

Registration forms may be found on our website:  
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